|          | Index of Claims |          |          |           |              |           |           |           |          |          |              |     |       | Application/Control No. |                        |        |             |              |           |          |               |              |           |       | Applicant(s)/Patent under Reexamination |            |           |              |           |           |              |           |           |           |           |   |
|----------|-----------------|----------|----------|-----------|--------------|-----------|-----------|-----------|----------|----------|--------------|-----|-------|-------------------------|------------------------|--------|-------------|--------------|-----------|----------|---------------|--------------|-----------|-------|---|------------|-----------|--------------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|---|
|          | 1 E             |          |          |           |              |           |           |           |          |          |              |     |       |                         | 10/694,874<br>Examiner |        |             |              |           |          |               |              |           |       |   | OL<br>rt l | Ak<br>Ini | AL.          |           |           |              |           |           |           |           |   |
|          |                 |          |          |           |              |           |           |           |          |          |              |     |       |                         | G. R. Ewoldt, Ph.D.    |        |             |              |           |          |               |              |           |       | 1644                                    |            |           |              |           |           |              |           |           |           |           |   |
|          |                 |          | 7        | D.        | o i o a      |           |           |           |          |          |              | (TI | hrou  | ıgh r                   | un                     | ner    |             |              |           | 7        |               |              |           |       |   |            | П         | Appeal       |           |           |              |           |           |           |           |   |
|          |                 |          | _        | Rejected  |              |           |           | Cancelled |          |          |              |     |       | _                       |                        | N      | Non-Elected |              |           |          | Α             |              |           |       |   |            |           |              |           |           |              |           |           |           |           |   |
|          |                 |          | <b>-</b> | Allowed   |              |           |           |           |          | ÷        | ÷ Restricted |     |       |                         |                        |        | <u> </u>    | Interference |           |          |               | Objected     |           |       |   |            |           |              |           |           |              |           |           |           |           |   |
| [        | Claim           |          |          | Date      |              |           |           | -         |          |          |              |     | Claim |                         |                        | Da     |             |              | e<br>     |          |               |              |           | Claim |   |            | Date      |              |           |           |              |           | $\Box$    |           |           |   |
|          | Finat           | Original | 00/22/00 |           |              |           |           |           |          |          |              |     | Final | Original                |                        |        |             |              |           |          |               |              |           |       | Final                                   | Original   |           |              |           |           |              |           |           |           |           |   |
| ļ        |                 | 7        | ÷        |           | $\dashv$     |           |           |           |          |          | H            | İ   |       |                         |                        |        |             |              |           | _        | 7             | 4            |           |       |   |            |           | 1            | 7         | 4         | 1            |           | 4         | _         | =         |   |
| Ī        |                 |          | Н        |           | 4            | _         | _         |           |          |          | П            |     |       |                         |                        |        |             |              |           |          | 4             | -            | 4         |       |   |            |           |              |           | 4         | $\dashv$     |           |           | 7         | $\exists$ |   |
| Ī        |                 |          |          |           | 4            |           |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          |               |              |           |       |   |            |           |              | 4         | $\exists$ |              | $\exists$ |           |           |           |   |
|          |                 |          |          |           |              |           |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          |               |              | ╛         |       |   |            |           |              |           |           | $\exists$    | ╛         | $\exists$ |           |           |   |
| }        |                 |          | Н        | $\dashv$  | -            | $\dashv$  | $\dashv$  |           |          |          | Н            |     |       |                         |                        |        |             | _            | $\dashv$  | $\dashv$ | +             |              | $\dashv$  |       |   |            |           |              | +         | $\dashv$  | -            | -         |           | 4         | $\dashv$  |   |
| ļ        |                 |          |          |           | $\Box$       |           |           |           |          |          |              |     |       |                         | ļ                      |        |             |              |           | $\Box$   |               |              | $\exists$ | Ì     |   |            |           | $\dashv$     | 4         | $\exists$ |              | $\exists$ |           |           |           |   |
|          |                 |          |          |           | $\exists$    |           |           |           |          |          |              | ł   |       |                         |                        | -      |             |              | $\exists$ |          |               |              | $\exists$ | ŀ     |   |            |           |              | 1         | $\dashv$  | +            |           |           | 1         | $\exists$ |   |
| -        |                 |          |          | $\dashv$  | $\dashv$     | _         |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          | $\dashv$      | _            | $\dashv$  |       |   |            |           | _            | 4         | $\dashv$  | $\dashv$     | _         | _         |           | 4         |   |
| ļ        |                 |          |          |           |              |           |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          |               |              |           |       |   |            |           |              | 1         |           | $\exists$    |           |           |           | コ         |   |
| -        |                 | K        |          | $\dashv$  | $\dashv$     | $\dashv$  |           |           |          | H        | Н            | -   |       |                         |                        |        | Н           | _            | $\dashv$  | $\dashv$ | -             |              | 4.        |       |   |            | H         | $\dashv$     | $\dashv$  | -         | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$  |           |   |
| ļ        |                 |          |          |           |              | $\Box$    |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          | ightharpoonup |              |           | İ     |   |            |           |              | コ         |           | $\exists$    | $\Box$    |           |           |           |   |
| ŀ        |                 |          | Н        | $\dashv$  | $\dashv$     | $\dashv$  |           |           |          |          | H            |     |       |                         |                        |        |             |              |           | $\dashv$ | +             | +            |           |       |   |            | H         | _            | $\dashv$  | $\dashv$  | +            | $\dashv$  | $\dashv$  | +         | $\dashv$  |   |
|          |                 |          |          |           | 4            | -         |           |           |          |          |              | ٠   |       |                         |                        |        |             |              |           |          | $\dashv$      |              | _         | Ì     |   |            | П         |              |           | 4         | $\dashv$     | $\dashv$  | 4         | _         | $\Box$    |   |
|          |                 |          |          |           |              |           |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          |               |              |           | ŀ     |   |            |           | $\exists$    | $\exists$ | _         |              |           |           |           |           |   |
|          |                 |          | Н        | $\dashv$  | $\dashv$     | $\dashv$  |           |           | -        |          | -            | ŀ   |       |                         | -                      | _      | -           |              | _         | -        | $\dashv$      | $\dashv$     | -         | ŀ     |   |            | H         | $\dashv$     | -         | _         | _            | $\dashv$  | 4         | _         |           |   |
| <u> </u> |                 |          |          |           | #            |           |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          |               | $\exists$    | $\exists$ | Ì     |   |            |           | $\exists$    | ⇉         |           |              |           |           |           |           |   |
| }        |                 |          | H        | _         |              | ļ         |           | -         | _        |          |              | }   |       |                         | $\vdash$               |        |             |              | $\dashv$  | $\dashv$ | $\dashv$      | +            | $\dashv$  | ŀ     |   |            | Н         | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$     | $\dashv$  | -         | $\dashv$  | $\dashv$  |   |
| Ţ        |                 |          |          | _         | 1            |           |           |           |          | -        |              |     |       |                         |                        |        |             |              | $\exists$ |          | _             | $\dashv$     |           | İ     |   |            |           |              | コ         |           |              |           |           | 4         |           |   |
| 1        |                 |          |          |           | $\exists$    |           | $\exists$ |           |          |          |              | ł   |       |                         | -                      |        |             |              | -         | $\dashv$ | $\dashv$      | +            | $\dashv$  |       | -                                       |            | Н         | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$     | $\dashv$  | -         | $\dashv$  | $\dashv$  |   |
| -        | _               |          |          |           | 4            | _         | _         |           |          |          |              |     |       |                         |                        |        |             |              | _         | $\dashv$ | 7             | $\dashv$     | _         |       |   |            | П         | 4            | 4         |           |              | 4         | _         | $\dashv$  |           | • |
|          |                 |          |          | $\exists$ | $\exists$    |           |           |           |          |          |              |     |       |                         |                        |        |             |              |           |          | $\exists$     |              | $\exists$ | ł     |   |            |           |              |           |           |              |           |           |           |           |   |
| F        |                 |          | H        | $\dashv$  | +            | -         | $\dashv$  | $\dashv$  |          | _        | _            | }   |       |                         |                        |        | -           | _            |           | $\dashv$ | $\dashv$      | $\dashv$     | -         | -     |   |            | H         | $\dashv$     | +         | 4         | -            | -         | -         | +         | _         |   |
|          |                 |          |          | $\dashv$  |              |           | $\Box$    |           |          |          |              | ļ   |       |                         |                        |        |             |              |           |          | 1             | _            |           | I     |   |            |           |              | $\Box$    |           | $\downarrow$ |           |           |           |           |   |
| -        | -               |          | Н        | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$  |           | $\dashv$ |          | $\dashv$     | -   |       |                         | H                      |        |             | _            | -         | _        | -             | $\dashv$     | $\dashv$  | -     |   |            | Н         | $\dashv$     | -         | 4         | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  |   |
|          |                 |          |          | 4         |              | _         |           |           |          |          |              | ļ   |       |                         |                        |        |             |              |           |          |               | _            |           | ļ     |   |            |           | 4            |           |           |              |           | _         | $\exists$ |           |   |
| ŀ        |                 |          |          | _         | _            | $\dashv$  | $\exists$ |           |          |          | $\dashv$     | }   |       |                         |                        |        |             |              |           |          | $\dashv$      | $\dashv$     | $\dashv$  | }     |   |            | H         | +            | +         | +         | +            | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  |   |
| F        |                 |          | $\Box$   | 7         | $\dashv$     | 7         | $\dashv$  | $\exists$ | $\Box$   | $\Box$   | $\Box$       | -   |       |                         |                        |        |             | $\Box$       | $\dashv$  |          |               | 7            | $\exists$ | ļ     |   |            |           | #            |           | 7         | 7            | 7         | $\dashv$  | 1         | $\exists$ |   |
| -        |                 |          |          | $\exists$ | $\exists$    | $\exists$ |           |           |          |          |              | ŀ   |       |                         |                        |        |             |              |           |          | $\exists$     | $\exists$    | $\exists$ | ł     |   |            |           | $\pm$        | $\exists$ | $\dashv$  | Ⅎ            | _         | $\exists$ | _         | $\exists$ |   |
| -        |                 |          | -        |           | $\perp$      | $\dashv$  | 4         | $\dashv$  | $\dashv$ | 4        | $\dashv$     | -   |       |                         | $\dashv$               | $\Box$ |             | 4            | - [       | $\dashv$ | -             | $\dashv$     | $\exists$ | F     |   |            | $\Box$    | 1            | 7         | 7         | 7            | 7         |           | 1         | $\exists$ |   |
|          |                 |          |          |           | $\downarrow$ | $\exists$ | $\exists$ | 耳         |          |          |              |     |       |                         |                        |        |             |              |           |          | $\downarrow$  | $\downarrow$ |           | ŀ     |   |            | Ħ         | $\downarrow$ | $\pm$     | $\pm$     | $\pm$        | $\exists$ |           | $\exists$ |           |   |
| -        |                 |          | $\vdash$ | $\dashv$  | +            | $\dashv$  | -         | $\dashv$  |          | $\dashv$ | $\dashv$     | -   |       |                         | Н                      |        | -           | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$      | +            | $\dashv$  | }     |   |            | $\sqcup$  | $\dashv$     | $\dashv$  | +         | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  |   |
| _        |                 |          |          | _         |              |           |           |           |          |          |              | L   |       | •                       |                        |        |             |              |           |          |               | i_           |           | L     |   |            |           |              |           | L         |              |           |           |           |           |   |